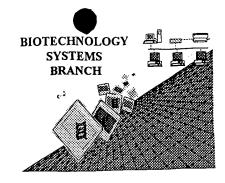
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/508,658
Source:	/655
Date Processed by STIC:	6/21/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/508,658
ATTN: NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	A "bug" in Patentln version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, Patentln would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
Invalid <213> Response Use of <220>	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence Sequence(s)
PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

AMC - Biotechnology Systems Branch - 06/04/2001

1655

DATE: 06/21/2001 RAW SEQUENCE LISTING TIME: 11:43:24 PATENT APPLICATION: US/09/508,658

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         Heino, Maarit
         Peterson, Part
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         Scott S., Hamish
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         Antonarakis E., Stylianos
         Lalioti D., Maria
 8
 9
         Shimizu, Nobuyoshi
         Kudoh, Jun
12 <120> TITLE OF INVENTION: NOVEL GENE DEFECTIVE IN APECED AND ITS USE
14 <130> FILE REFERENCE: U0126539
16 <140> CURRENT APPLICATION NUMBER: 09/508,658
17 <141> CURRENT FILING DATE: 2000-11-03
19 <150> PRIOR APPLICATION NUMBER: PCT/FI98/00749
20 <151> PRIOR FILING DATE: 1998-09-23
22 <150> PRIOR APPLICATION NUMBER: 973762
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49 teccegegee caeece atg geg acg gae geg geg eta ege egg ett etg agg 172
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51
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54 Leu His Arg Thr Glu Ile Ala Val Ala Val Asp Ser Ala Phe Pro Leu
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57 ctg cac gcg ctg gct gac cac gac gtg gtc ccc gag gac aag ttt cag
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58 Leu His Ala Leu Ala Asp His Asp Val Val Pro Glu Asp Lys Phe Gln
59
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61 gag acg ctt cat ctg aag gaa aag gag ggc tgc ccc cag gcc ttc cac
62 Glu Thr Leu His Leu Lys Glu Lys Glu Gly Cys Pro Gln Ala Phe His
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65 gcc ctc ctg tcc tgg ctg ctg acc cag gac tcc aca gcc atc ctg gac
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66 Ala Leu Leu Ser Trp Leu Leu Thr Gln Asp Ser Thr Ala Ile Leu Asp
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RAW SEQUENCE LISTING DATE: 06/21/2001 PATENT APPLICATION: US/09/508,658 TIME: 11:43:24

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73	ata	gag	CCC		ctg	aac	age	ttc		aaa	gat	ata	qac	ctc	agc	cag	460
71	LOU	Cln	Dro	Tle	Leu	Asn	Ser	Phe	Pro	Lvs	Asp	Val	Asp	Leu	Ser	Gln	
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79	PIO	110	цуз	Gry	Arg	цуо	115	110		,		120					
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	125	FIO	пту	пса	110	130	1175		-1-		135					140	
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96	7 l a	y Cy Xla	Dro	Δla	Ala	Len	Thr	Pro	Ara	Glv	Thr	Ala	Ser	Pro	Gly	Ser	
87	ліц	AIG	110	1114	145	БСС				150					155		
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90	Gln	LAII	Lvc	Δla	Lys	Pro	Pro	Lvs	Lvs	Pro	Glu	Ser	Ser	Ăla	Glu	Gln	
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			u ua	a uuu	ı all	י כענ	: alc	Cat	Cau	y y Ly	,	. yay	j LCc	a ggo	o gg	c tcc	750
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100 100 100 110 111 111 111 111 112 122 12	2 Ala 3 20 5 aa 6 Ly 7 ga 0 Gl 1 aa 1 Ly 7 gg 8 Gl 9 ct 2 Le 3 28 5 gt	a Value Salue Salu	g tgg g tgg c tcg c tccp p Seg t ctc 25 g gc u Al 0 c ag o Seg t cq	c atos Ile c ggo c Gly 240 gg gtt age a Arc	y Ile	E Leu 210 gtt gtt Val G G G G G G G G G G G G G G G G G G G	I Ile ggc ggc ggc gage Lys cage Glr 275 gcc h Lec gage	gggggggggggggggggggggggggggggggggggggg	g gag y Glu c aag n Lys 245 a gco y Ala) g gg g Gly c cac s Gli	y tto y tto Phe 230 y gco s Ala 5 c cag a Glr c ago y Ser y Ser y Lys	Phe 215 tace Tyric cycle Arg	e Gluce act	c cccr Processor Services Alace Good Alace Good Aspect Control of the control of	e age ser ser 250 com Process of Grand P	y Glice aaar Ly 23 t gg Gl Gl Gl Ct Ct Gl Cy Cy C CC	y Ser 220 g ttc s Phe 5 c ccg y Pro t gga y Gly g gcc u Ala t gcc s Ala 300 t cgg	844 892 940
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10 10 10 10 11 11 11 11 11 11 12 12 12 12 12 12	2 Ala 3 20 5 aad 6 Ly 7 9 gad 1 aa 4 Ly 7 ggl 1 3 Gl 2 Le 3 gt 7 Va	a Value Salue Asservate Galue Processor Control Cylindrical Cylind	g tgg g tgg g tgg c tcg p Se t ctg g gcl 0 c ag c se t cg s Ar	c atos Iles atos	y Ile cage Glr 225 cagt y Ser Cage Let cage Cage Cage Cage Cage Cage Cage Cage C	E Leu 210 gtt gtt Val G ggg G Gl G Gl C Ggg G Gl C Ggg G Gl G G G	I Ile I ggc I ggc I ggc I aag I Lys I aag I Lys I cag I cto I cto I gg Glv	gggggggggggggggggggggggggggggggggggggg	g gag y Glu c aac Lys 245 a gcc y Ala y g Gly c cac g ggc c cac g Gly c cac c cat u Ile	y tto y tto y Phe 230 y gco s Ala 5 c cag Glr c ago y Ser y Ser Lys c tgo e Cys 310	Phe 215 tace Tyri) c cgc Arg	e Gluce act	c ggo g gao u Asp	e age ser ser 250 com Process of Glam Process	y Glica aa r Ly 23 t gg r Gl c gg r Gl c to Le g tg r Cy c c c c s Pr 31	y Ser 220 g ttc s Phe 5 c ccg y Pro t gga y Gly g gcc u Ala t gcc s Ala 300 t cgg o Arg 5	844 892 940 988 1036
10 10 10 10 11 11 11 11 11 11 12 12 12 12 12 12 12	2 Ala 3 20 5 aa 6 Ly 7 ga 0 Gl 1 aa 4 Ly 7 gg 1 Le 3 gt 7 gc	a Value of Samu Assets of Samu Asset	g tgg g tgg g tgg g tgg c tcg p Se t ctg g gcl 0 c se t cg x Ar c ca	c atos Iles of ggo atos of the Asp atos of the	y Ile cage Glr 225 cagt y Ser Cag t	E Leu 210 gtt gtt Val G ggg G Gl G Gl G	I Ile I ggc I ggc I ggc I aag I Lys I aag I Lys I cag I cto	g Glr g ggg g aac g Asi g Glr 260 g cac n Glr o cac n Hi:	g gagy Gluck a according to the control of the cont	y tto y tto y Phe 230 y gco s Ala 5 c cag Glr c ago y Ser y Ser y Ser t tgo e Cys 310 t cos	Phe 215 tace Tyrical Control C	e Gluce act	c cccr Processor	e age ser ser 25 com Pro com P	y Glice aaar Ly 23 t gg Gl	y Ser 220 g ttc s Phe 5 c ccg y Pro t gga y Gly g gcc u Ala t gcc s Ala 300 t cgg o Arg 5 c agt	844 892 940 988
10 10 10 10 11 11 11 11 11 11 12 12 12 12 12 12 12	2 Ala 3 20: 5 aae 6 Ly: 7 ga: 0 Gl: 1 aa Ly 7 ggl 2 Le 3 gt 6 Va 7 gcl 7 gcl	a Value of Samu Assess Process	g tgg g tgg g tgg g tgg c tcg p Se t ctg g gcl 0 c se t cg x Ar c ca	c atos Iles of ggo atos of the Asp atos of the	y Ilectory Services Coop Proceedings of the Coop Proce	E Leu 210 gtt gtt Val G ggg G Gl G Gl G	I Ile I ggc I ggc I ggc I aag I Lys I aag I Lys I cag I cto	g Glr g ggg g aac g Asi g Glr 260 g cac n Glr o cac n Hi:	g gagy Gluck a according to the control of the cont	y tto y tto y tto y so s Alas c cago y Sel y Sel y tgo c Cys 310 t cos o Pro	Phe 215 tace Tyric Capacita Argument Value Capacita Capac	e Gluce act	c cccr Processor	e age ser ser 25 com Pro com P	y Gloca and r Ly 23 tr Gloca G	y Ser 220 g ttc s Phe 5 c ccg y Pro t gga y Gly g gcc u Ala t gcc s Ala 300 t cgg o Arg 5	844 892 940 988 1036

RAW SEQUENCE LISTING

DATE: 06/21/2001 TIME: 11:43:24 PATENT APPLICATION: US/09/508,658

Input Set : A:\U0126539.app

134	ggg Gly	acc Thr	Trp	agg Arg	tgc Cys	tcc Ser	agc Ser	Cys	ctg Leu	cag Gln	gca Ala	aca Thr	gtc Val 345	cag Gln	gag Glu	, ,	1180
138	cag Gln	Pro	335 cgg Arg	gca Ala	gag Glu	gag Glu	ccc Pro 355	340 cgg Arg	ccc Pro	cag Gln	gag Glu	cca Pro 360	ccc	gtg Val	gag Glu	-	1228
139 141 142 143	Pro	350 ctc Leu	ccc Pro	ccg Pro	ggg Gly	ctt Leu 370	agg	tcg Ser	gcg Ala	gga Gly	gag Glu 375	gag	gta Val	aga Arg	ggt Gly	cca Pro 380	1276
145	cct	ggg Gly	gaa Glu	ccc Pro	cta Leu 385	gcc	ggc Gly	atg Met	gac Asp	acg Thr 390	act Thr	ctt Leu	gtc Val	tac Tyr	aag Lys 395	cac His	1324
149	ctg Leu	ccg Pro	gct Ala	ccg Pro 400	cct Pro	tct Ser	gca Ala	gcc Ala	ccg Pro 405	ctg Leu	cca Pro	ggg Gly	ctg Leu	gac Asp 410	tcc Ser	tcg Ser	1372
153	gcc Ala	ctg Leu	cac His 415	ccc Pro	cta Leu	ctg Leu	tgt Cys	gtg Val 420	gct Ala	cct Pro	gag Glu	ggt Gly	cag Gln 425	cag Gln	aac Asn	ctg Leu	1420
157	gct Ala	cct Pro 430	aat	gcg Ala	cgt Arg	tgc Cys	ggg Gly 435	gtg Val	tgc Cys	gga Gly	gat Asp	ggt Gly 440	acg Thr	gac Asp	gtg Val	ctg Leu	1468
161 162	cgg Arg 445	tat	act Thr	cac His	tgc Cys	gcc Ala 450	gct Ala	gcc Ala	ttc Phe	cac His	tgg Trp 455	cgc Arg	tgc Cys	cac His	ttc Phe	cca Pro 460	1516
165	qcc	ggc Gly	acc Thr	tcc Ser	cgg Arg 465	ccc Pro	ggg Gly	acg Thr	ggc Gly	ctg Leu 470	cgc Arg	tgc Cys	aga Arg	tcc Ser	tgc Cys 475	tca Ser	1564
169	gga Gly	gac Asp	gtg Val	acc Thr 480	cca Pro	gcc Ala	cct Pro	gtg Val	gag Glu 485	ggg Gly	gtg Val	ctg Leu	gcc Ala	ccc Pro 490	agc Ser	ccc Pro	1612
173	gcc Ala	cgc Arg	ctg Leu 495	qcc	cct Pro	ggg Gly	cct Pro	gcc Ala 500	aag Lys	gat Asp	gac Asp	act Thr	gcc Ala 505	agt Ser	cac His	gag Glu	1660
177	ccc Pro	gct Ala 510	ctg	cac His	agg Arg	gat Asp	gac Asp 515	ctg	gag Glu	tcc Ser	ctt Leu	ctg Leu 520	agc Ser	gag Glu	cac His	acc Thr	1708
181 182	ttc Phe 525	gat	ggc Gly	atc Ile	ctg Leu	cag Gln 530	tgg	gcc Ala	atc Ile	cag Gln	agc Ser 535	Met	gcc Ala	cgt Arg	ccg Pro	gcg Ala 540	1756
185 186	gcc			ccc Pro		tga	ccc	caga	tgg	ccgg			agct	ctga	t		1804
191 193 195 198 199	aga gac ccc <21 <21	aggg acca ggga 0> S 1> L	gac gcc gcc EQ I ENGT	agcg atca	aagg ccac tgtg cttg : 2 45	ac a ct c cc t	ttgt ggaa	cagt atta	g ct a ac	cggc cctg	tgta cccc	aac	agct	ctg tac	tgtt tctg	ggatca tctggg gaagtc	1924

RAW SEQUENCE LISTING

DATE: 06/21/2001 TIME: 11:43:24

PATENT APPLICATION: US/09/508,658

Input Set : A:\U0126539.app

Output Set: N:\CRF3\06202001\I508658.raw

201 <213> ORGANISM: Homo sapiens 203 <400> SEQUENCE: 2 204 Met Ala Thr Asp Ala Ala Leu Arg Arg Leu Leu Arg Leu His Arg Thr 207 Glu Ile Ala Val Ala Val Asp Ser Ala Phe Pro Leu Leu His Ala Leu 25 20 210 Ala Asp His Asp Val Val Pro Glu Asp Lys Phe Gln Glu Thr Leu His 40 35 213 Leu Lys Glu Lys Glu Gly Cys Pro Gln Ala Phe His Ala Leu Leu Ser 55 216 Trp Leu Leu Thr Gln Asp Ser Thr Ala Ile Leu Asp Phe Trp Arg Val 70 219 Leu Phe Lys Asp Tyr Asn Leu Glu Arg Tyr Gly Arg Leu Gln Pro Ile 90 85 222 Leu Asp Ser Phe Pro Lys Asp Val Asp Leu Ser Gln Pro Arg Lys Gly 105 100 225 Arg Lys Pro Pro Ala Val Pro Lys Ala Leu Val Pro Pro Pro Arg Leu 120 226 115 228 Pro Thr Lys Arg Lys Ala Ser Glu Glu Ala Arg Ala Ala Pro Ala 135 140 130 231 Ala Leu Thr Pro Arg Gly Thr Ala Ser Pro Gly Ser Gln Leu Lys Ala 155 150 234 Lys Pro Pro Lys Lys Pro Glu Ser Ser Ala Glu Gln Gln Arg Leu Pro 165 170 237 Leu Gly Asn Gly Ile Gln Thr Met Ser Ala Ser Val Gln Arg Ala Val 185 180 238 240 Ala Met Ser Ser Gly Asp Val Pro Gly Ala Arg Gly Ala Val Glu Gly 195 200 243 Ile Leu Ile Gln Gln Val Phe Glu Ser Gly Gly Ser Lys Lys Cys Ile 215 246 Gln Val Gly Gly Glu Phe Tyr Thr Pro Ser Lys Phe Glu Asp Ser Gly 235 230 249 Ser Gly Lys Asn Lys Ala Arg Ser Ser Ser Gly Pro Lys Pro Leu Val 250 245 252 Arg Ala Lys Gly Ala Gln Gly Ala Ala Pro Gly Gly Glu Ala Arg 265 260 255 Leu Gly Gln Gln Gly Ser Val Pro Ala Pro Leu Ala Leu Pro Ser Asp 280 275 258 Pro Gln Leu His Gln Lys Asn Glu Asp Glu Cys Ala Val Cys Arg Asp 300 295 261 Gly Gly Glu Leu Ile Cys Cys Asp Gly Cys Pro Arg Ala Phe His Leu 310 264 Ala Cys Leu Ser Pro Pro Leu Arg Glu Ile Pro Ser Gly Thr Trp Arg 330 325 267 Cys Ser Ser Cys Leu Gln Ala Thr Val Gln Glu Val Gln Pro Arg Ala 345 340 270 Glu Glu Pro Arg Pro Gln Glu Pro Pro Val Glu Thr Pro Leu Pro Pro 360 273 Gly Leu Arg Ser Ala Gly Glu Glu Val Arg Gly Pro Pro Gly Glu Pro RAW SEQUENCE LISTING DATE: 06/21/2001 PATENT APPLICATION: US/09/508,658 TIME: 11:43:24

Input Set : A:\U0126539.app

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380
                            375
276 Leu Ala Gly Met Asp Thr Thr Leu Val Tyr Lys His Leu Pro Ala Pro
                                            395
                        390
279 Pro Ser Ala Ala Pro Leu Pro Gly Leu Asp Ser Ser Ala Leu His Pro
                                        410
                   405
282 Leu Leu Cys Val Ala Pro Glu Gly Gln Gln Asn Leu Ala Pro Gly Ala
                                                         430
                                    425
               420
285 Arg Cys Gly Val Cys Gly Asp Gly Thr Asp Val Leu Arg Cys Thr His
                                                     445
            435
                                440
288 Cys Ala Ala Ala Phe His Trp Arg Cys His Phe Pro Ala Gly Thr Ser
                            455
291 Arg Pro Gly Thr Gly Leu Arg Cys Arg Ser Cys Ser Gly Asp Val Thr
                                            475
                        470
292 465
294 Pro Ala Pro Val Glu Gly Val Leu Ala Pro Ser Pro Ala Arg Leu Ala
                                        490
                    485
297 Pro Gly Pro Ala Lys Asp Asp Thr Ala Ser His Glu Pro Ala Leu His
                                    505
                500
298
300 Arg Asp Asp Leu Glu Ser Leu Leu Ser Glu His Thr Phe Asp Gly Ile
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          515
303 Leu Gln Trp Ala Ile Gln Ser Met Ala Arg Pro Ala Ala Pro Phe Pro
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        530
306 Ser
307 545
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311 <211> LENGTH: 1545
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318 <223> OTHER INFORMATION: /product="AIR-2"
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323 <223> OTHER INFORMATION: /product="AIR-2"
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328 ctgctctcag ctgggcccgt gggtgggccg ggcgcccctg ctatagccag gaggtcaagg 120
330 atccactggg aatgccatgc tcatctttcg tccccagcat ggtttcttaa tggggtagaa 180
332 gcaggtcggg agagacctcc ctgggcctgg ccccactgcc ctgtgaggaa gggttc atg 239
                                                                   Met
333
334
336 tgg ttg gtg tac agt tcc ggg gcc cct gga acg cag cag cct gca aga
337 Trp Leu Val Tyr Ser Ser Gly Ala Pro Gly Thr Gln Gln Pro Ala Arg
                                      1.0
                  5
338
340 aac cgg gtt ttc ttc cca ata ggg atg gcc ccg ggg ggt gtc tgt tcg
                                                                        335
341 Asn Arg Val Phe Phe Pro Ile Gly Met Ala Pro Gly Gly Val Cys Ser
             20
344 aga cca gat gga tgg gga aca ggt ggt cag ggc aga att tca ggc cct
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09/508,658 6

<210> 7 <211> 20 <212> DNA <213> (Artificial Sequence)	, Sheet
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<210> 8 <211> 22 <212> DNA <213> Artificial Sequence	
<400> 8 gttcccgagt ggaaggcgct gc	22
<210> 9 <211> 20 <212> DNA <213> Artificial Sequence	
<400> 9 aggggacagg caggccaggt	20
The above sequences are samp. The types of arrors shown exist throughout the Sequence Listing Places of	les of global
The types of errors shown exist throughout the Sequence Listing. Please cl subsequent sequences for similar errors.	heck ewas

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/508,658

DATE: 06/21/2001 TIME: 11:43:25

Input Set : A:\U0126539.app

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VERIFICATION SUMMARY

DATE: 06/21/2001 TIME: 11:43:25

PATENT APPLICATION: US/09/508,658

Input Set : A:\U0126539.app

Output Set: N:\CRF3\06202001\I508658.raw

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